

**p-(3,3,3-TRIFLUOROPROPYL)BENZYL DERIVATIVE AND ITS PRODUCTION**

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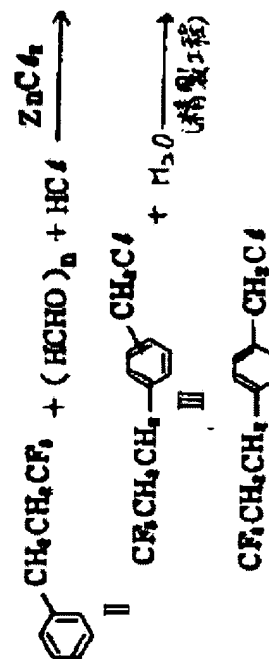
**Abstract of JP58057325**

**NEW MATERIAL:** A p-(3,3,3-trifluoropropyl) benzyl derivative of formula I (X is chloro, cyano, carboxyl).

**EXAMPLE:** p-(3,3,3-Trifluoropropyl)benzyl chloride.

**USE:** Organic synthetic intermediate, anti-inflammatory, edema inhibitor, where the latter two compounds have a carboxyl as the X in compound I.

**PREPARATION:** (3,3,3-Trifluoropropyl) benzene of formula II is made to react with paraformaldehyde and hydrogen chloride in the presence of zinc chloride to give a compound of formula III, which is purified to give a compound of formula I where X is Cl. The chlorine group of the compound is converted into a cyano group to form another compound of formula I where X is CN. Then the product is hydrolyzed to give the third compound of formula I where X is carboxyl.



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